



# Southwest Washington Chapter of ICC

This Criteria is accepted as meeting the minimum standard of construction in conformance with 2003 IBC / WAC 51-50 requirements and is accepted in the following regional jurisdictions

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Cities of: Camas, Centralia, Kalama, Ridgefield, Castle Rock, Vancouver, Washougal, Winlock, Woodland, Longview, Battle Ground, Counties of: Clark, Cowlitz, Skamania, Lewis

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## Commercial Structural Design Information:

*The following applies only to Structures not conforming to the prescriptive criteria set forth in the 2003 International Residential Code. If the structure does not meet all of the IRC requirements, an engineered design conforming to the 2003 International Building Code must be prepared by a Washington State Professional Engineer and submitted. All commercial occupancies will be required to be designed by a Washington State Professional Engineer.*

Wind: 110 mph, 3 second gust Exposure "B" (check with local jurisdiction for wind exposure classifications for your specific site)

Soil: Type Sd - 1500 psf Bearing -- Minimum depth of footing: 12" per 1805.2

Minimum Roof Snow load: 25 psf – Minimum roof load – non reducible  
(drift calculations as required)

All other loading per the 2003 International Building Code and as adopted by Washington State and Local Jurisdiction Code Adoption.

### Seismic:

Assume site class "D" unless the Building Official determines that the site class E or F soil is likely to be present at the site per 1615.1.1. Alternately, submit a geotechnical report prepared by a Washington State Registered Engineer or Engineering Geologist, competent to prepare such reports, with site specific data and site class determination. See chapters 16 and 18 of the IBC for requirements.

This information will allow the engineer to go through the rest of the calculations for the seismic design.

Web site for looking up spectral response data using values of 2% probability of exceedance:

<http://eqint.cr.usgs.gov/eq/html/zipcode.html>

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